

## Contents

HONDA, H., YAMANAKA, H. and EGUCHI, G. Transformation of a polygonal cellular pattern during sexual maturation of the avian oviduct epithelium: computer simulation	1-19
TAN, S. S. and MORRISS-KAY, G. M. Analysis of cranial neural crest cell migration and early fates in postimplantation rat chimaeras	21-58
MORRISS-KAY, G. M., TUCKETT, F. and SOLURSH, M. The effects of <i>Streptomyces</i> hyaluronidase on tissue organization and cell cycle time in rat embryos	59-70
HYLDAHL, L., ENGSTRÖM, W. and SCHOFIELD, P. N. Stimulatory effects of insulin-like growth factors on DNA synthesis in the human embryonic cornea	71-83
GUILLORY, G. and BRONNER-FRASER, M. An <i>in vitro</i> assay for neural crest cell migration through the somites	85-97
WATERS, B. K. and ROSSANT, J. The effect of retinoic acid pretreatment on the ability of murine embryonal carcinoma and inner cell mass cells to participate in chimaera development	99-110
SANYAL, S., DEES, C. and ZEILMAKER, G. H. Development and degeneration of retina in <i>rds</i> mutant mice: observations in chimaeras of heterozygous mutant and normal genotype	111-121
KAY, E. D. The phenotypic interdependence of the musculoskeletal characters of the mandibular arch in mice	123-136
FRENCH, V. and ROWLANDS, T. F. Regeneration in the anterior-posterior axis of the insect thoracic segment	137-165
SCHNEBELEN, M. T. and KAUFMAN, M. H. Chromosome analysis of single-pronuclear haploid parthenogenetic blastocysts and their inner cell mass derivatives	167-174
ATSUCHI, Y., TASHIRO, K., YAMANA, K. and SHIOKAWA, K. Level of histone H4 mRNA in <i>Xenopus laevis</i> embryonic cells cultured in the absence of cell adhesion	175-185
OSBORN, J. C., MOOR, R. M. and CROSBY, I. M. Effect of alterations in follicular steroidogenesis on the nuclear and cytoplasmic maturation of ovine oocytes	187-208
RANDS, G. F. Size regulation in the mouse embryo. II. The development of half embryos	209-217
MARTINS-GREEN, M. and ERICKSON, C. A. Development of neural tube basal lamina during neurulation and neural crest cell emigration in the trunk of the mouse embryo	219-236
WIGMORE, P. and HOLDER, N. The effect of replacing different regions of limb skin with head skin on regeneration in the axolotl	237-249
STERNBERG, J. and KIMBER, S. J. The relationship between emerging neural crest cells and basement membranes in the trunk of the mouse embryo: a TEM and immunocytochemical study	251-268
RODEMER, E. S., IHMER, A. and WARTENBERG, H. Gonadal development of the chick embryo following microsurgically caused agenesis of the mesonephros and using interspecific quail-chick chimaeras	269-285
INDEX OF AUTHORS AND TITLES (VOLUMES 91-98)	287-297
SUBJECT INDEX (VOLUMES 91-98)	299-327